

COLORADO WING FLIGHT RISK ASSESSMENT

MISSION PLANNING

GUIDANCE	PREPARATION		
	IN DEPTH	ADEQUATE	MINIMAL
VAGUE	3	5	10
IMPLIED	2	3	6
SPECIFIC	1	2	4

VALUE

AIRCREW REST

REST QUALITY	DUTY HOURS		
	<6 HRS	6-10 HRS	>10 HRS
NO SOFT BED	4	7	12
MOTEL	2	3	10
HOME	1	2	8

VALUE

WEATHER / FLIGHT

WIND SPEED	CEILING / VISIBILITY		
	>3000'/10SM	>2000'/5SM	<2000'/5SM
>30 KTS	6	9	12
20-30 KTS	3	5	8
<20 KTS	1	3	5
NO MOON	8	10	12
MOON	2	6	8

VALUE

NIGHT

NIGHT

AIR CREW EXPERIENCE

SAR EXP	PIC + OBS FLIT TIME @ 1,500'AGL		
	>2,000 HRS	>1,000 HRS	<1,000 HRS
1-2 MISSIONS	4	6	10
3-9 MISSIONS	2	3	8
10+ MISSIONS	1	2	5

VALUE

TERRAIN FACTOR

TERRAIN	ELEVATION		
	<8,000 MSL	8-11,000' MSL	>11,000 MSL
HIGH MTNS & RUGGED	N/A	9	12
HIGH MTNS OR RUGGED	3	6	9
LOW ELEV. & GENTLE	1	N/A	N/A

VALUE

TOTAL SCORE AND RISK LEVEL

LOW	MEDIUM	HIGH*	EXTREME *
<16	16-30	31-45	>45

TOTAL

* IF RISK LEVEL IS HIGH OR EXTREME, FLIGHT RELEASE REQUIRES A WING LEVEL COMMAND OFFICER APPROVAL.

WEIGHT AND BALANCE WORKSHEET

	LBS		ARM	C-182 Q/R		MOMENT/ 1000
BASIC EMPTY		x		37.3	=	
FRONT SEAT		x		37.0	=	
REAR SEAT		x		74.0	=	
BAGGAGE A		x		97.0	=	
BAGGAGE B		x		115.0	=	
FUEL		x		46.5	=	
HAT SHELF		x		130.0	=	
TOTAL	<input style="width: 100px;" type="text"/>	x		=		<input style="width: 100px;" type="text"/>
TOT MOMENT DIV TOT LBS		=	<input style="width: 100px;" type="text"/>	<<	CG AFT OF DATUM	
WITHIN WEIGHT AND CG LIMITS?			YES	NO		